

See Criminal Internet Communication as it Happens.

In Real Time or Recreated. From the Field or From Your Desk.
That's Intelligence. That's Intellego.

Intellego™

Visual Reconstruction & Analysis Speeds Investigations

Digital communication has changed criminal behavior by removing time zone and geographic barriers and increasing the opportunity for anonymity. The ability to lawfully intercept, visually reconstruct and analyze digital communication is now a critical capability for law enforcement personnel. To meet this growing need, SS8 developed Intellego.

Powerful features enable users to quickly identify communication patterns and behavior, greatly improving the speed at which law enforcement can work.

MADE FOR LAW ENFORCEMENT

- » Keep up with ever-changing Internet applications
- » Quickly identify targets and their suspected associates
- » Simple, secure deployment model requires minimal training
- » Secure presentation and preservation of evidentiary data

SEE A TARGET'S INTERNET COMMUNICATIONS

With Intellego, users can see a target's communication exactly as it was viewed or created during a web session. This advancement significantly speeds up the investigation process when compared to other applications, which often require specialized IT expertise to dissect IP packet captures and other files.



Intellego In Action: Intellego visually and accurately reconstructs web pages to follow the browsing patterns of a target.

IDENTIFY COMMUNICATION PATTERNS

Intellego's communication forensics features include a powerful search engine, social network analysis (SNA) graphing and SS8's iDossier™ Internet identity profile application. These features work together to find and display communication relationships and patterns. Forensic algorithms assist users in identifying criminal organizations, leaders, gatekeepers, associates and other targets.

See What They See, In Real Time

Intellego reconstructs a target's online sessions and accurately reproduces every detail. By visually displaying the actual Internet activities of a target—sites visited, chat conversations, email content, files, photos, videos—users can immediately determine their meaning and relevance to an investigation.

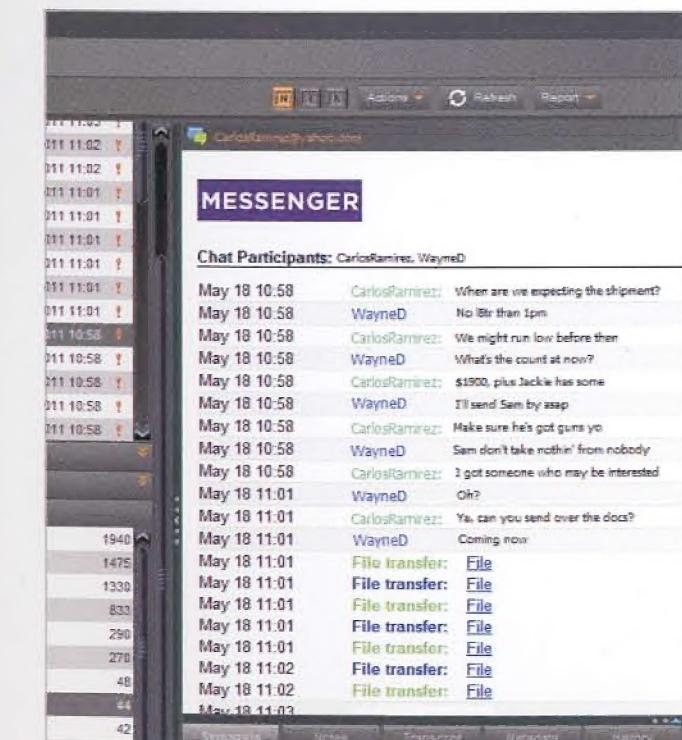
VIEW COMMUNICATION CONTENT

- » Monitor email and webmail communications, including a target's draft-only emails, attached files, pictures and videos
- » Follow a target's chat sessions, in real time, and then act immediately when required
- » View visited web pages, including uploads and downloads
- » Monitor websites; see who uploaded or downloaded content
- » Observe social media content including profile, friend lists, photos, and videos

Visual Reconstruction: Visual reconstruction of specific web pages that a target has visited is a key Intellego difference. Investigators can now follow the exact browsing patterns of a target and quickly identify unusual or suspect behavior. And since the full textual and graphical content of the web page is reconstructed, they can save meaningful portions of the web session for later analysis.

EMAIL

Intellego displays e-mail text exactly as it was seen in the original web application. This includes the e-mail envelop header fields—To, From, Cc, Subject and a list of attachments. With a simple click of a mouse, Intellego also displays email attachments such as Word documents, Excel spreadsheets, photos and videos.



Intellego In Action: Intellego displays chat sessions in real time.

CHAT

Intellego monitors and displays chat sessions in real time. Chat dialogues are shown in the correct chronological order so that it is easy to follow conversations as they happen.

SOCIAL MEDIA

Today's social media applications include private messaging, wall posting, news feeds, real-time chat, and even embedded email applications. Intellego makes it easy for law enforcement to view social media page content.

WEB BROWSING

Visual reconstruction of specific web pages that a target has visited is a key Intellego difference. Investigators can now follow the exact browsing patterns of the target and quickly identify unusual or suspect behavior. And since the full textual and graphical content of the web page is reconstructed, they can save meaningful portions of the web session for later analysis, evidence or for use in identifying additional suspects. As a website itself may be the target of an investigation, Intellego allows users to log the IP addresses of visitors to a suspicious website and identify those who have uploaded content to or downloaded content from the site.

SUBPOENAED BATCH FILES

Intellego's flexible, automated file import feature allows users to view, analyze and reproduce subpoenaed emails, packet capture files and call records.

Turning Data Into Actionable Intelligence

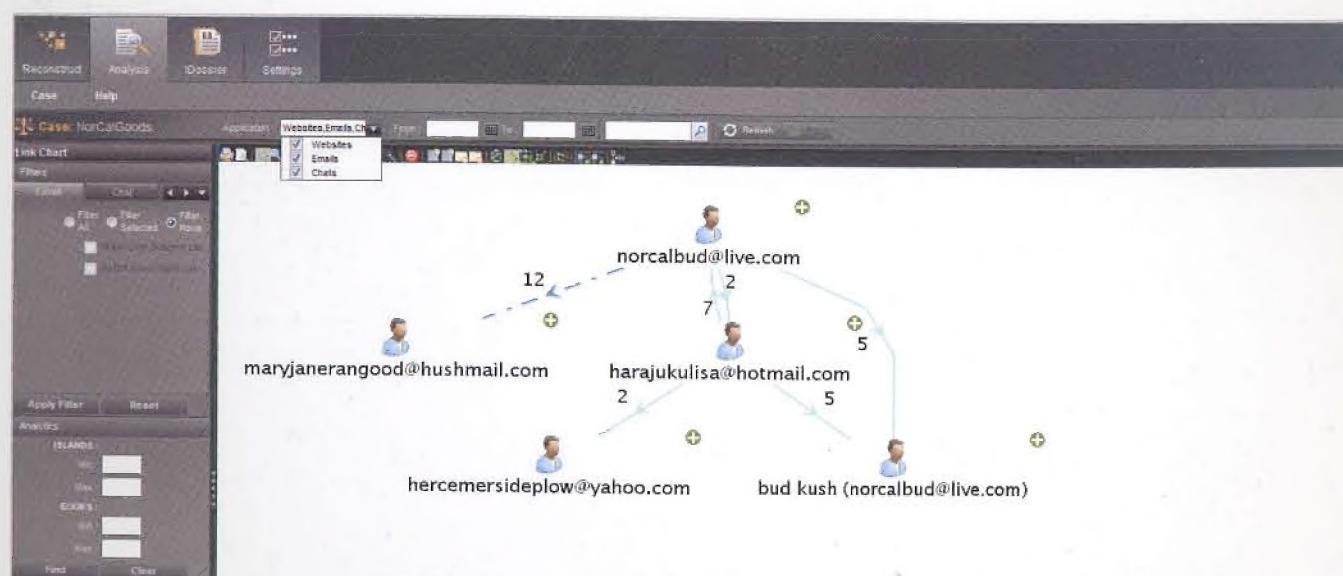
Intellego's communication forensic features dissect metadata (message sender identity, recipients, date and time, duration, website URL, attachments) revealing patterns and allowing users to quickly identify suspicious behavior and relationships.

ADVANCED SEARCH AND COMPLEX QUERY

Intellego fully indexes all captured communication content including file types such as Word documents and metadata records for searches and queries, returning relevant results in seconds. Search criteria may be as simple as a name or keyword or as complex as a long query with multiple operators such as, "find all occurrences of people downloading pictures from a website, between 9pm and 11pm where the file size is greater than 400KB."

AUTOMATED SEARCH

Users can automate searches to run in the background, freeing their time for other investigative tasks. These queries may be scheduled to run periodically or upon receipt of a communication event relevant to a particular case. When compared with manual analysis, automated results are far more accurate due to the tremendous volume of data being analyzed. Email or SMS message alerts may be defined to notify users when results are received.



Intellego In Action: Integrated social network analysis module reveals communication patterns and uncovers hidden relationships.

iDossier: Intellego's iDossier enables users to compile an Internet profile for a target. iDossier correlates suspected Internet identities to a target's real-life identity.



Intellego In Action: Intellego's iDossier builds an Internet profile of a suspect.

Made For Law Enforcement

Intellego is built upon a secure, robust case management framework, made specifically for law enforcement. An administrator assigns each user a role granting privileges defined for various job functions and departments. The administrator also assigns cases to a specific user or to multiple users with access to a particular case strictly controlled using authentication credentials and enforced by Intellego's security policies.

As management of evidence is imperative for use in a court of law, Intellego allows users to prepare professional reports, charts, graphs and documents for case review by prosecutors and for courtroom presentation.

EVIDENCE MARKING

Intellego allows users to mark each communication intercept or event as pertinent or non-pertinent as well as privileged or non-privileged to meet compliance regulations.

TAMPER-EVIDENT SEAL

Intellego creates an electronic signature for every intercept record in its database to validate that evidence has not been altered.

USER ACTIVITY LOGS

Intellego delivers activity logs which provide an unalterable record of each user's activity on an intercept or case.

REPORTING

Intellego includes flexible reporting to support legal compliance requirements as well as for workload management.

STANDARDS COMPLIANCE

Intellego complies with all relevant CALEA and ETSI lawful interception standards. Intellego's flexible architecture may be adapted easily to integrate with other law enforcement analytical applications.

Simple. Powerful. Useful.

Using Intellego Client Application, investigators and analysts can access all lawfully intercepted communication records from a desktop, laptop or tablet computer while in the office or the field. Real-time monitoring allows investigators to view chats, text messages or social media postings and react as they happen.

Intellego's intuitive, easy-to-use graphical user interface requires minimal training and no specialized computer skills, even for the most complex tasks. Online help minimizes support requirements for an agency's IT staff.

REAL-TIME MONITORING FROM THE FIELD

A single Intellego Analytics Platform server, installed in the back office, can scale to support more than a hundred users. Connections to the server are accomplished using a secure, encrypted connection from a standard web browser.

The Analytics Platform provides the processing that decodes and identifies various Internet applications and protocols. It also includes a database that stores and indexes communication content and metadata. A high performance search engine can deliver results from complex queries of billions of records in seconds.

CONTINUOUS PROTOCOL MONITORING

SS8 continuously monitors Internet communication applications and protocols for changes that may affect the ability to reconstruct or analyze them. Intellego's modular architecture allows system updates to occur without restarting.

24/7 SERVICE AND SUPPORT

SS8's worldwide phone support centers provide 24/7 service and support. Our online technical support provides the fast, easy means needed to get answers or to report a problem.

SS8 INTELLEGEO TRAINING

SS8 offers brief general overview webinars for users as well as fully-customized, multi-day, hands-on seminars. This affords law enforcement agencies the opportunities to realize the highest value from their investment.

Product Specifications*

CAPACITY

- » Up to 50 concurrent users
- » Up to 2000 active intercepts
- » Up to 200 Mbps peak incoming data rate
- » Up to 100 TB retained intercept storage

CALEA INTERFACES

- » J-STD-25B
- » T1-IAS
- » ETSI TS 102.232
- » ETSI TS 133.108
- » Packet Capture Files (PCAP)

PROTOCOL SUPPORT

Intellego supports the following protocols (un-encrypted):

- » Web
 - HTTP Sessions, including embedded audio/video files
 - YouTube
- » Chat / IM, including file transfers, audio and video calls
 - MSN Live
 - Yahoo
 - AOL/AIM
 - ICQ
 - Google Talk
 - Paltalk
- » Webmail, including attachments
 - Hotmail (MSN Live)
 - Google Mail
 - Yahoo Mail
- » E-mail, including attachments
 - SMTP, POP3, IMAP4
- » Mobile Messaging, including attachments
 - SMS
 - MMS
- » Network Protocols
 - FTP
- » Social Media
 - Facebook
 - Wall Posts
 - News Feed
- » File imports of e-mails / IM's in several formats including .eml, .mbox and .csv

ANALYSIS APPLICATIONS

- » Intellego Query Engine - Perform multi-factor searches and queries based on:
 - Full text indexes of intercepted data, both call content and call data
 - Time based behavior; find event x after event y occurs
- » Link / Social Network Analysis Package—Performs integrated analysis on intercepted or imported communications intercepts
- » iDossier™—Creates and manages an Internet dossier

MANAGEMENT SUPPORT

- » Case Management: Workflow management with flexible case assignment
- » Security:
 - Full Role-Based Access Controls (RBAC)
 - Multi-level data sensitivity access restrictions
 - Multi-tenant capability with full data isolation
 - Full user activity logs
- » High availability
- » Full system administration through Intellego's iAdmin graphical interface
- » SNMP alarming and error logging

MINIMUM HARDWARE REQUIREMENTS

- » Intel based servers from IBM, HP and Dell with the following minimum specifications:
 - Dual Intel® Xeon™ X5675 6 Core / 3.06GHz Processors
 - 48 GB Main memory
 - 1.8 TB disk space

OPERATING SYSTEM

- » RedHat Enterprise Linux 6.0

* Many features shown are optional, consult your SS8 account representative for details and availability.